

# 2010 Montana Hunting Regulations

## Webless Migratory Birds

### Mourning Doves, Common (Wilson's) Snipe & Sandhill Cranes

These regulations and final quotas were adopted under the authority granted to the Fish, Wildlife and Parks Commission per MCA, Section 87-1-301 and are valid March 1, 2010, through February 28, 2011. Final regulations and quotas were adopted by the Montana Fish, Wildlife and Parks Commission on August 5, 2010. Joe Maurier, Director.

#### License Requirements

- Check the license chart below for details. Conservation, hunting and fishing licenses are available at all Fish, Wildlife & Parks (FWP) offices, license providers throughout the state and online at [fwp.mt.gov](http://fwp.mt.gov) or [mt.gov](http://mt.gov). The license is valid March 1 through February of the following year.
- If you were born after January 1, 1985, you are required to show proof of completing a Montana hunter safety and education course, or an approved hunter safety course from any other state or province, prior to applying for or purchasing a hunting license.
- Permit Applications Available Online
  - Hunters may apply for a sandhill crane special permit online at [fwp.mt.gov](http://fwp.mt.gov) or [mt.gov](http://mt.gov). Hunters have the option of applying by the deadline at any FWP office or by submitting an application as specified in these regulations.
- Migratory Bird Harvest Information Program (MBHIP)
  - All migratory bird hunters in Montana, as well as in all other states, are required to take part in a National Harvest Survey Program. To comply with MBHIP, you must complete a survey including your name, address and date of birth before you can purchase your Montana Migratory Bird License. In addition, you will be asked to respond to several questions about your hunting experience during last year's season.
- Hunters must carry required license(s) on their person.

#### Youth Hunting Opportunities

- A resident or nonresident youth who will reach 11 years of age by January 16, 2011 may hunt any game species, for which their license is valid, after August 15, 2010.
- A resident or nonresident youth 11 years of age is entitled to purchase a hunting license. Proof of hunter education must be presented at the time of purchase.

#### License Chart

| Resident/Nonresident:<br>Years of Age   | License Required  |   |
|---|---|---|
|   | Conservation<br>License<br>Resident: \$8<br>Nonresident: \$10 | Montana Migratory Bird<br>License Resident: \$6.50<br>Nonresident: \$50 |
| Resident: 12 - 15   | Yes   | No  |
| Resident: 16 - 61   | Yes   | Yes   |
| Resident: 62 or older   | Yes   | No  |
| Resident: Montana FWP<br>Certified Disabled   | Yes   | No  |
| Nonresident: 12 - 15  | Yes   | No  |
| Nonresident: 16 or older  | Yes   | Yes   |
| <ul style="list-style-type: none"> <li>• Webless migratory bird hunters do not need a federal waterfowl stamp.</li> <li>• Hunting Access Enhancement Fee is required annually the first time a hunter purchases a hunting license. Fees: Resident \$2; Nonresident \$10.</li> </ul> |   |   |

#### General Information –

##### Mourning Doves –

- Mourning Dove Wing Collection – Montana is cooperating with the U.S. Fish & Wildlife Service in collecting Mourning Dove wings from hunters. Randomly selected hunters will be asked to save one wing from each dove during the first week of the season and mail the wings (postage free) to the U.S. Fish & Wildlife Service. Hunters using high-use public areas may also be asked to provide dove wings as part of the monitoring effort. Data from the wings will be used to estimate annual productivity of the dove population, and eventually used in helping to establish hunting regulations.
- Eurasian Collared-Doves are:
  - an exotic species now found throughout much of Montana, especially in and near cities and towns.
  - the Montana Fish, Wildlife, and Parks Commission has designated them an unprotected species that may be taken without license, season, or limit. They do not count against a hunter's Mourning Dove limit.
  - different from a Mourning Dove in that they are larger, have a rounded tail rather than a pointed one, and they have a black ring around the back of the neck.

**FWP Web site – [fwp.mt.gov](http://fwp.mt.gov)** – The FWP Web site offers a variety of information to help you plan your hunt. You'll find maps, regulations, and links to road reports, weather service sites and other fish, wildlife and parks resources. Also check [mt.gov](http://mt.gov), the official state Web site, for a wide variety of information on Montana.

#### General Regulations

##### It is illegal to –

- Interfere with or hinder the lawful taking of a migratory game bird
- Loan or transfer their license to another person or use a license issued to another person.
- Carry or have physical control over a valid and unused hunting license or permit issued to another person while in any location where the species to be hunted occurs. Exception: a person may carry or have control over a license or permit issued to that person's spouse or any minor when the spouse or minor is hunting with that person.
- Alter a license or permit for any reason.
- Post state or federal land other than that done by a state or federal land agency.

**Check Stations –** All hunters and anglers are required by law to stop as directed at all designated check stations on their way to and from hunting and fishing areas, even if they have no game or fish to be checked.

**Shooting Hours –** Authorized shooting hours begin one-half hour before sunrise to sunset each day of the hunting season. See official sunrise-sunset tables in these regulations.

### **Transporting Webless Birds –**

- One fully feathered wing or head must remain attached to each bird (except doves) at all times while being transported from the place where taken to the personal abode of the processor or processing facility.
- No person shall give, put or leave any migratory birds at any place or in custody of another person unless the birds are tagged by the hunter with the following information: 1) the hunter's signature; 2) the hunter's address; 3) the total number of birds involved, by species; 4) the dates such birds were killed. Tagging is required if the birds are being transported by another person for the hunter, or if the birds have been left for cleaning, storage (including temporary storage), shipment or taxidermy services.
- No person shall ship migratory game birds unless the package is marked on the outside with: (1) the name and address of the person sending the birds, (2) the name and address of the person to whom the birds are being sent, and (3) the number of birds, by species, contained in the package.

**Wanton Waste –** No person shall kill or cripple any migratory game bird without making a reasonable effort to retrieve the bird, and retain it in his/her actual custody, at the place where taken or between that place and either: (1) his/her automobile or principal means of land transportation; or (2) his/her personal abode or temporary or transient place of lodging; or (3) migratory game bird preservation facility; or (4) a post office; or (5) a common carrier facility.

### **Hunter Land Access**

Hunters, it's your responsibility to know where you are, to know who owns the land, and to know what access restrictions apply.

### **Public Land Access**

- FWP is working cooperatively with other agencies to improve signing of legally accessible public lands wherever possible. A map directory pamphlet is available at all FWP offices.
- Enforcement of Area Closures on Public Land: All federally approved travel plans on public lands in Montana are hereby adopted by the Fish, Wildlife & Parks Commission. Motorized travel in restricted areas in violation of any current travel plan or land use plan is prohibited during the hunting season.

**Private Land Access –** Montana law requires hunters to have the permission of the landowner, lessee, or their agent before hunting on private property, regardless of whether the land is posted or not. Access courtesy cards and a map directory pamphlet are available at all FWP offices

**Railroad Access –** Railroads and railroad right-of-ways are private property and may not be hunted without permission, nor should they be used as access to other lands (private or public) without explicit permission from the railroad. Consult the individual railroad for details.

### **State School Trust Land**

- Overnight (2 night) camping is allowed within 200 feet of a legal access point.
- Horses may not be kept on state land overnight.
- Motorized travel is only allowed on public roads or on roads designated as open.
- Motorized use of other roads and trails and all off-road use is prohibited.
- Game retrieval is by foot or horse only.
- No open fires are allowed except in designated campground fire pits.

- Firearms may not be discharged within ¼ mile of an inhabited dwelling or outbuilding without permission of the inhabitant.
- State School Trust Lands within Block Management Areas (BMA) may have more liberal regulations. Consult the individual regulations for specific BMAs.
- Additional information regarding the rules, regulations, and restrictions governing these activities is available from FWP or contact DNRC at 406-444-2074.

### **Tribal Lands**

- Hunters hunting migratory birds on Indian Reservations should check Indian Reservation regulations because season dates, bag limits, licensing requirements, shooting hours, legal species and shot shell requirements may differ from state regulations.
- The State of Montana and the Confederated Salish and Kootenai Tribes have entered into a cooperative management agreement on the Flathead Reservation. Please check for migratory bird regulations specific to the Flathead Reservation. For information call FWP at 406-752-5501 or the Tribes at 406-675-2700.

### **Methods and Prohibited Methods of Taking**

- Migratory birds may be taken only with long, recurve or compound bow and arrow; or shotgun not larger than ten gauge, incapable of holding more than three shells, fired from the shoulder.
- **Non-Toxic Shot (NTS) –** NTS is not required for webless migratory birds, except on national wildlife refuges and waterfowl production areas. However, it is unlawful for anyone to use or possess a shotgun shell or ammunition loaded with or containing other than federally approved non-toxic shot while hunting, taking or attempting to take ducks, geese, swans or coots. If hunters have specific questions regarding this regulation, please inquire at the local refuge office.
- Use of any electronic or phonographic waterfowl-calling device is illegal, as are live decoys.
- It is unlawful for anyone to hunt or attempt to hunt any game animal or game bird on, from, or across any public highway or the shoulder, berm, barrow pit or right-of-way of any public highway (the entire width between the boundary lines of every publicly maintained way when any part thereof is open to the use of the public for purposes of vehicular travel, in the State of Montana, MCA 61-1-202.
- Migratory birds may not be taken from, or by means, or aid of, or use of, a sinkbox, aircraft, motor vehicle, motorboat, sailboat or motor-driven conveyance of any kind, except a motorboat or sailboat if you shut the motor off or furl the sail and the vessel is no longer in motion.
- No person shall take migratory birds by driving, rallying or chasing birds with any motorized conveyance or any sailboat to put them in range of the hunter; or by the aid of baiting (placing feed such as corn, wheat, salt or other feed to constitute a lure or enticement). Hunters should be aware that a baited area is considered to be baited 10 days after the removal of the bait, and it is not necessary for the hunter to know an area is baited to be in violation.
- **Possession of Live Birds –** Wounded birds reduced to possession shall be immediately killed and included in the daily bag limit.

## Species-Specific Hunting Regulations

### ----- Mourning Dove – Statewide -----

It is illegal to shoot Mourning Doves resting on utility lines or fixtures adjacent to those lines.

- Sep 01 - Oct 30 – Bag limit: 15 daily and 30 in possession.

### ----- Common (Wilson's) Snipe – Statewide -----

- Sep 01 - Dec 16 – Bag limit: 8 daily and 16 in possession.

### ----- Sandhill Cranes – Pacific Flyway -----

The Pacific Flyway includes Hill, Chouteau, Cascade, Meagher and Park counties and all counties lying west of these.

#### **Sandhill Crane Special Permit. Application deadline - July 29**

To apply in writing, send application and \$5 nonrefundable drawing fee to FWP, POB 200701, Helena MT, 59620, Attn: Special Licensing by July 29, 2010.

Applicants must possess a current year conservation license to apply. Applicants may apply for only one area and must specify the hunting area for which they are applying.

Successful applicants will be required to purchase a Montana Migratory Bird license if necessary as specified on page 1 of these regulations.

#### **280-01: 30 permits. Valid only in Warm Springs portion of Deer Lodge County.**

- Sep 11 - Sep 26 – Bag and Possession limit: 1 sandhill crane.

Warm Springs portion of Deer Lodge County: those portions of Deer Lodge County lying within the following described boundary: beginning at the intersection of I-90 and Highway 273, then westerly along Highway 273 to the junction of Highway 1, then southeast along said highway to Highway 275 at Opportunity, then east along said highway to East Side County road, then north along said road to Perkins Lake, then west on said lane to I-90, then north on said interstate to the junction of Highway 273, the point of beginning. Except for sections 13 and 24, T5N, R10W; and Warm Springs Pond number 3.

#### **284-01: 40 permits. Valid only in Ovando-Helmville area.**

- Sep 11 - Sep 26 – Bag and Possession limit: 1 sandhill crane.

Ovando-Helmville area: that portion of the Pacific Flyway, located in Powell County lying within the following described boundary: beginning at the junction of State Routes 141 and 200, then west along Route 200 to its intersection with the Blackfoot River at Russell Gates Fishing Access Site (Powell-Missoula County line), then southeast along said river to its intersection with the Ovando-Helmville Road (County Road 104) at Cedar Meadows Fishing Access Site, then south and east along said road to its junction with State Route 141, then north along said route to its junction with State Route 200, the point of beginning.

#### **380-01: 75 permits. Valid only in Dillon/Twin Bridges/Cardwell areas.**

- Sep 11 - Sep 26 – Bag and Possession limit: 2 sandhill crane.  
Successful applicants will receive two 380-01 sandhill crane licenses.

Dillon/Twin Bridges/Cardwell areas: that portion of Beaverhead, Madison and Jefferson counties lying within the following described boundaries: Beginning at Dillon, then northerly along US Hwy 91 to its intersection with the Big Hole River at Brown's Bridge north of Glen, then southeasterly and northeasterly along the Big Hole River to High Road, then east along High Road to State Highway 41, then east along said highway to the Beaverhead River, then north along said river to the Jefferson River and north along the Jefferson River to the Ironrod Bridge, then northeasterly along State Highway 41 to the junction with State Highway 55, then northeasterly along said highway to the junction with I-90, then east along I-90 to Cardwell and Route 359 then south along Route 359 to the Parrot Hill/Cedar Hill Road then southwesterly along said road and the Cemetery Hill Road to the Parrot Ditch road to the Point of Rocks Road to Carney Lane to the Bench Road to the Waterloo Road and Bayers Lanes, to State Highway 41, then east along State Highway 41 to the Beaverhead River, then south along the Beaverhead River to the mouth of the Ruby River, then southeasterly along the Ruby River to the East Bench Road, then southwesterly along the East Bench Road to the East Bench Canal, then southwesterly along said canal to the Sweetwater Road, then west along Sweetwater Road to Dillon, the point of beginning.

### ----- Sandhill Cranes – Central Flyway -----

The Central Flyway includes Blaine, Carbon, Fergus, Judith Basin, Stillwater, Sweet Grass and Wheatland counties and all counties lying east of these.

Exception 1: That area south and west of I-90 is closed to the hunting of Sandhill Cranes.

Exception 2: Hunting by special permit only in Wheatland and Meagher counties and that portion of Sweetgrass County north of I-90. Application deadline - July 29.

#### **Sandhill Cranes - Special Drawing Permit. Application deadline - July 29**

To apply in writing, send application and \$5 nonrefundable drawing fee to FWP, POB 200701, Helena MT, 59620, Attn: Special Licensing by July 29, 2010.

Applicants must possess a current year conservation license to apply.

Applicants may apply for only one area and must specify the hunting area for which they are applying.

Successful applicants will be required to purchase a Montana Migratory Bird license if necessary as specified on page 1 of these regulations.

#### **586-01: 50 permits. Valid only in Wheatland and Meagher counties and that portion of Sweetgrass County north of I-90. Exception for Sandhill Cranes: That area south and west of I-90 is CLOSED to the hunting of Sandhill Cranes.**

- Sep 11 - Sep 26 – Bag and Possession limit: 2 sandhill crane.  
Successful applicants will receive two 586-01 sandhill crane licenses.

#### **Sandhill Cranes – Over-the-Counter Permit**

Persons wishing to hunt mid-continent Sandhill Cranes in the Central Flyway must obtain a free permit available from the Bowdoin National Wildlife Refuge; Medicine Lake National Wildlife Refuge; Fish, Wildlife & Parks regional headquarters in Glasgow, Billings, Miles City; or the Fish, Wildlife & Parks office in Helena.

Exception 1: The area south of I-90 in the Central Flyway part of the state is closed to the hunting of Sandhill Cranes.

Exception 2: Hunting by special permit only in Wheatland county and that portion of Sweetgrass County north of I-90. Application deadline - July 29.

- Sep 25 - Nov 21 – Bag limit: 3 daily and 6 in possession.

### **Avian Influenza**

#### **National Early Detection Effort**

- Avian influenza, or bird flu, is a common viral infection of wild birds, including waterfowl and shorebirds that rarely is passed on to people.
- Several years ago, a virulent form of bird flu—Highly Pathogenic Avian Influenza (H5N1)—emerged to sicken and kill domestic poultry in Asia, Africa and Europe.
- Montana Wildlife officials are contributing to the national effort to detect the possible arrival of the virulent strain of bird flu that could be brought to North America via migrating waterfowl.
- Part of that effort includes getting help from hunters by collecting samples from harvested waterfowl through routine hunter game checks.
- H5N1 is primarily a disease of birds, not humans. Should H5N1 be detected anywhere in North America, it would not signal the start of a human health crisis.

#### **Common Sense Precautions**

- Viruses like H5N1 are shed from birds in fecal material and other body fluids; so avoid contact with these materials while plucking and cleaning birds.
- Do not harvest or handle wildlife that is obviously sick or found dead.
- Wear rubber gloves while cleaning game.
- Do not eat, drink or smoke while cleaning game.
- Wash hands with soap and water or alcohol wipes after handling game.
- Wash tools and work surfaces used to clean game with soap and water, then disinfect with a 10 percent solution of chlorine bleach—one part chlorine to 10 parts water.
- Separate raw meat, and anything it touches, from cooked or ready-to-eat foods to avoid contamination.
- Cook game meat thoroughly, to an internal temperature of at least 165 degrees Fahrenheit.

For more information, visit [fwp.mt.gov](http://fwp.mt.gov). Search: "Avian Influenza"



## 2010 Sunrise-Sunset Tables For Determining Hunting Hours

These tables, including adjustments for daylight savings time, are the official sunrise-sunset tables adopted by the Montana Fish, Wildlife & Parks Commission for hunting in Montana. Authorized hunting hours for the taking of Webless Migratory Birds begin one-half hour before sunrise and end at sunset each day of the hunting season. (Do not utilize from other sources).



### ZONE 1

INCLUDES: Flathead, Granite, Lake, Lincoln, Mineral, Missoula, Ravalli and Sanders Counties

| Day  | Sept |      | Oct  |      | Nov  |      | Dec  |      |
|------|------|------|------|------|------|------|------|------|
|      | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  |
| A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | P.M. |
| 01   | 6:56 | 8:15 | 7:35 | 7:16 | 8:19 | 6:20 | 8:01 | 4:49 |
| 02   | 6:57 | 8:13 | 7:36 | 7:14 | 8:20 | 6:19 | 8:02 | 4:49 |
| 03   | 6:58 | 8:11 | 7:38 | 7:12 | 8:21 | 6:17 | 8:03 | 4:49 |
| 04   | 7:00 | 8:09 | 7:39 | 7:10 | 8:23 | 6:16 | 8:04 | 4:48 |
| 05   | 7:01 | 8:07 | 7:40 | 7:08 | 8:24 | 6:14 | 8:05 | 4:48 |
| 06   | 7:02 | 8:06 | 7:42 | 7:06 | 8:26 | 6:13 | 8:06 | 4:48 |
| 07   | 7:03 | 8:04 | 7:43 | 7:04 | 7:27 | 5:11 | 8:07 | 4:48 |
| 08   | 7:05 | 8:02 | 7:44 | 7:02 | 7:29 | 5:10 | 8:08 | 4:47 |
| 09   | 7:06 | 8:00 | 7:46 | 7:00 | 7:30 | 5:09 | 8:09 | 4:47 |
| 10   | 7:07 | 7:58 | 7:47 | 6:58 | 7:32 | 5:08 | 8:10 | 4:47 |
| 11   | 7:09 | 7:56 | 7:48 | 6:56 | 7:33 | 5:06 | 8:11 | 4:47 |
| 12   | 7:10 | 7:54 | 7:50 | 6:54 | 7:35 | 5:05 | 8:12 | 4:47 |
| 13   | 7:11 | 7:52 | 7:51 | 6:52 | 7:36 | 5:04 | 8:13 | 4:48 |
| 14   | 7:13 | 7:50 | 7:53 | 6:51 | 7:38 | 5:03 | 8:14 | 4:48 |
| 15   | 7:14 | 7:48 | 7:54 | 6:49 | 7:39 | 5:02 | 8:15 | 4:48 |
| 16   | 7:15 | 7:46 | 7:55 | 6:47 | 7:41 | 5:01 | 8:15 | 4:48 |
| 17   | 7:16 | 7:44 | 7:57 | 6:45 | 7:42 | 5:00 | 8:16 | 4:48 |
| 18   | 7:18 | 7:42 | 7:58 | 6:43 | 7:43 | 4:59 | 8:17 | 4:49 |
| 19   | 7:19 | 7:40 | 8:00 | 6:42 | 7:45 | 4:58 | 8:17 | 4:49 |
| 20   | 7:20 | 7:38 | 8:01 | 6:40 | 7:46 | 4:57 | 8:18 | 4:50 |
| 21   | 7:22 | 7:36 | 8:03 | 6:38 | 7:48 | 4:56 | 8:18 | 4:50 |
| 22   | 7:23 | 7:34 | 8:04 | 6:36 | 7:49 | 4:55 | 8:19 | 4:51 |
| 23   | 7:24 | 7:32 | 8:05 | 6:35 | 7:50 | 4:54 | 8:19 | 4:51 |
| 24   | 7:26 | 7:30 | 8:07 | 6:33 | 7:52 | 4:53 | 8:20 | 4:52 |
| 25   | 7:27 | 7:27 | 8:08 | 6:31 | 7:53 | 4:53 | 8:20 | 4:52 |
| 26   | 7:28 | 7:25 | 8:10 | 6:30 | 7:54 | 4:52 | 8:20 | 4:53 |
| 27   | 7:30 | 7:23 | 8:11 | 6:28 | 7:56 | 4:51 | 8:21 | 4:54 |
| 28   | 7:31 | 7:21 | 8:13 | 6:26 | 7:57 | 4:51 | 8:21 | 4:55 |
| 29   | 7:32 | 7:20 | 8:14 | 6:25 | 7:58 | 4:50 | 8:21 | 4:55 |
| 30   | 7:33 | 7:18 | 8:16 | 6:23 | 7:59 | 4:50 | 8:21 | 4:56 |
| 31   |      |      | 8:17 | 6:22 |      |      | 8:21 | 4:57 |

### ZONE 3

INCLUDES: Big Horn, Blaine, Carbon, Fergus, Golden Valley, Judith Basin, Musselshell, Petroleum, Phillips, Stillwater, Sweet Grass, Wheatland and Yellowstone Counties

| Day  | Sept |      | Oct  |      | Nov  |      | Dec  |      |
|------|------|------|------|------|------|------|------|------|
|      | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  |
| A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | P.M. |
| 01   | 6:37 | 7:57 | 7:17 | 6:57 | 8:01 | 6:01 | 7:43 | 4:30 |
| 02   | 6:38 | 7:55 | 7:18 | 6:55 | 8:02 | 6:00 | 7:44 | 4:30 |
| 03   | 6:40 | 7:53 | 7:19 | 6:53 | 8:04 | 5:58 | 7:45 | 4:30 |
| 04   | 6:41 | 7:51 | 7:21 | 6:51 | 8:05 | 5:57 | 7:47 | 4:29 |
| 05   | 6:42 | 7:49 | 7:22 | 6:49 | 8:07 | 5:55 | 7:48 | 4:29 |
| 06   | 6:44 | 7:48 | 7:23 | 6:47 | 8:08 | 5:54 | 7:49 | 4:29 |
| 07   | 6:45 | 7:46 | 7:25 | 6:45 | 7:10 | 4:53 | 7:50 | 4:29 |
| 08   | 6:46 | 7:44 | 7:26 | 6:44 | 7:11 | 4:51 | 7:51 | 4:28 |
| 09   | 6:48 | 7:42 | 7:28 | 6:42 | 7:13 | 4:50 | 7:52 | 4:28 |
| 10   | 6:49 | 7:40 | 7:29 | 6:40 | 7:14 | 4:49 | 7:53 | 4:28 |
| 11   | 6:50 | 7:38 | 7:30 | 6:38 | 7:15 | 4:48 | 7:54 | 4:28 |
| 12   | 6:52 | 7:36 | 7:32 | 6:36 | 7:17 | 4:46 | 7:55 | 4:28 |
| 13   | 6:53 | 7:33 | 7:33 | 6:34 | 7:18 | 4:45 | 7:55 | 4:28 |
| 14   | 6:54 | 7:31 | 7:35 | 6:32 | 7:20 | 4:44 | 7:56 | 4:29 |
| 15   | 6:55 | 7:29 | 7:36 | 6:30 | 7:21 | 4:43 | 7:57 | 4:29 |
| 16   | 6:57 | 7:27 | 7:37 | 6:28 | 7:23 | 4:42 | 7:58 | 4:29 |
| 17   | 6:58 | 7:25 | 7:39 | 6:27 | 7:24 | 4:41 | 7:59 | 4:29 |
| 18   | 6:59 | 7:23 | 7:40 | 6:25 | 7:26 | 4:40 | 7:59 | 4:30 |
| 19   | 7:01 | 7:21 | 7:42 | 6:23 | 7:27 | 4:39 | 8:00 | 4:30 |
| 20   | 7:02 | 7:19 | 7:43 | 6:21 | 7:29 | 4:38 | 8:00 | 4:30 |
| 21   | 7:03 | 7:17 | 7:45 | 6:19 | 7:30 | 4:37 | 8:01 | 4:31 |
| 22   | 7:05 | 7:15 | 7:46 | 6:18 | 7:31 | 4:36 | 8:01 | 4:31 |
| 23   | 7:06 | 7:13 | 7:47 | 6:16 | 7:33 | 4:35 | 8:02 | 4:32 |
| 24   | 7:07 | 7:11 | 7:49 | 6:14 | 7:34 | 4:35 | 8:02 | 4:33 |
| 25   | 7:09 | 7:09 | 7:50 | 6:13 | 7:35 | 4:34 | 8:03 | 4:33 |
| 26   | 7:10 | 7:07 | 7:52 | 6:11 | 7:37 | 4:33 | 8:03 | 4:34 |
| 27   | 7:11 | 7:05 | 7:53 | 6:09 | 7:38 | 4:32 | 8:03 | 4:35 |
| 28   | 7:13 | 7:03 | 7:55 | 6:08 | 7:39 | 4:32 | 8:03 | 4:35 |
| 29   | 7:14 | 7:01 | 7:56 | 6:06 | 7:41 | 4:31 | 8:04 | 4:36 |
| 30   | 7:15 | 6:59 | 7:58 | 6:04 | 7:42 | 4:31 | 8:04 | 4:37 |
| 31   |      |      | 7:59 | 6:03 |      |      | 8:04 | 4:38 |

### ZONE 2

INCLUDES: Beaverhead, Broadwater, Cascade, Choteau, Deer Lodge, Gallatin, Glacier, Hill, Jefferson, Lewis & Clark, Liberty, Madison, Meagher, Park, Pondera, Powell, Silver Bow, Teton and Toole Counties.

| Day  | Sept |      | Oct  |      | Nov  |      | Dec  |      |
|------|------|------|------|------|------|------|------|------|
|      | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  |
| A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | P.M. |
| 01   | 6:48 | 8:07 | 7:27 | 7:08 | 8:10 | 6:13 | 7:52 | 4:42 |
| 02   | 6:49 | 8:05 | 7:28 | 7:06 | 8:11 | 6:11 | 7:53 | 4:42 |
| 03   | 6:51 | 8:03 | 7:29 | 7:04 | 8:13 | 6:10 | 7:54 | 4:42 |
| 04   | 6:52 | 8:01 | 7:31 | 7:02 | 8:14 | 6:08 | 7:55 | 4:41 |
| 05   | 6:53 | 7:59 | 7:32 | 7:00 | 8:16 | 6:07 | 7:56 | 4:41 |
| 06   | 6:55 | 7:57 | 7:34 | 6:58 | 8:17 | 6:06 | 7:57 | 4:41 |
| 07   | 6:56 | 7:55 | 7:35 | 6:56 | 7:19 | 5:04 | 7:58 | 4:41 |
| 08   | 6:57 | 7:53 | 7:36 | 6:54 | 7:20 | 5:03 | 7:59 | 4:41 |
| 09   | 6:58 | 7:52 | 7:38 | 6:52 | 7:22 | 5:02 | 8:00 | 4:41 |
| 10   | 7:00 | 7:50 | 7:39 | 6:50 | 7:23 | 5:00 | 8:01 | 4:41 |
| 11   | 7:01 | 7:48 | 7:40 | 6:49 | 7:25 | 4:59 | 8:02 | 4:41 |
| 12   | 7:02 | 7:46 | 7:42 | 6:47 | 7:26 | 4:58 | 8:03 | 4:41 |
| 13   | 7:03 | 7:44 | 7:43 | 6:45 | 7:28 | 4:57 | 8:04 | 4:41 |
| 14   | 7:05 | 7:42 | 7:44 | 6:43 | 7:29 | 4:56 | 8:05 | 4:41 |
| 15   | 7:06 | 7:40 | 7:46 | 6:41 | 7:30 | 4:55 | 8:06 | 4:41 |
| 16   | 7:07 | 7:38 | 7:47 | 6:39 | 7:32 | 4:54 | 8:07 | 4:41 |
| 17   | 7:09 | 7:36 | 7:49 | 6:38 | 7:33 | 4:53 | 8:07 | 4:42 |
| 18   | 7:10 | 7:34 | 7:50 | 6:36 | 7:35 | 4:52 | 8:08 | 4:42 |
| 19   | 7:11 | 7:32 | 7:51 | 6:34 | 7:36 | 4:51 | 8:08 | 4:42 |
| 20   | 7:12 | 7:30 | 7:53 | 6:32 | 7:37 | 4:50 | 8:09 | 4:43 |
| 21   | 7:14 | 7:28 | 7:54 | 6:31 | 7:39 | 4:49 | 8:09 | 4:43 |
| 22   | 7:15 | 7:26 | 7:56 | 6:29 | 7:40 | 4:48 | 8:10 | 4:44 |
| 23   | 7:16 | 7:24 | 7:57 | 6:27 | 7:42 | 4:47 | 8:10 | 4:44 |
| 24   | 7:18 | 7:22 | 7:58 | 6:25 | 7:43 | 4:47 | 8:11 | 4:45 |
| 25   | 7:19 | 7:20 | 8:00 | 6:24 | 7:44 | 4:46 | 8:11 | 4:46 |
| 26   | 7:20 | 7:18 | 8:01 | 6:22 | 7:45 | 4:45 | 8:11 | 4:46 |
| 27   | 7:22 | 7:16 | 8:03 | 6:21 | 7:47 | 4:45 | 8:12 | 4:47 |
| 28   | 7:23 | 7:14 | 8:04 | 6:19 | 7:48 | 4:44 | 8:12 | 4:48 |
| 29   | 7:24 | 7:12 | 8:06 | 6:17 | 7:49 | 4:43 | 8:12 | 4:49 |
| 30   | 7:26 | 7:10 | 8:07 | 6:16 | 7:51 | 4:43 | 8:12 | 4:49 |
| 31   |      |      | 8:09 | 6:14 |      |      | 8:12 | 4:50 |

### ZONE 4

INCLUDES: Carter, Custer, Daniels, Dawson, Fallon, Garfield, McCone, Powder River, Prairie, Richland, Roosevelt, Rosebud, Sheridan, Treasure, Valley and Wibaux Counties

| Day  | Sept |      | Oct  |      | Nov  |      | Dec  |      |
|------|------|------|------|------|------|------|------|------|
|      | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  |
| A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | A.M. | P.M. | P.M. |
| 01   | 6:24 | 7:42 | 7:02 | 6:43 | 7:45 | 5:48 | 7:26 | 4:18 |
| 02   | 6:25 | 7:40 | 7:03 | 6:41 | 7:46 | 5:47 | 7:27 | 4:18 |
| 03   | 6:26 | 7:38 | 7:05 | 6:39 | 7:48 | 5:46 | 7:29 | 4:18 |
| 04   | 6:27 | 7:36 | 7:06 | 6:37 | 7:49 | 5:44 | 7:30 | 4:17 |
| 05   | 6:29 | 7:34 | 7:07 | 6:35 | 7:51 | 5:43 | 7:31 | 4:17 |
| 06   | 6:30 | 7:32 | 7:09 | 6:33 | 7:52 | 5:41 | 7:32 | 4:17 |
| 07   | 6:31 | 7:31 | 7:10 | 6:32 | 7:54 | 5:40 | 7:33 | 4:17 |
| 08   | 6:32 | 7:29 | 7:11 | 6:30 | 7:55 | 5:39 | 7:34 | 4:17 |
| 09   | 6:34 | 7:27 | 7:13 | 6:28 | 7:56 | 5:37 | 7:35 | 4:16 |
| 10   | 6:35 | 7:25 | 7:14 | 6:26 | 7:58 | 5:36 | 7:36 | 4:16 |
| 11   | 6:36 | 7:23 | 7:15 | 6:24 | 7:59 | 5:35 | 7:37 | 4:16 |
| 12   | 6:38 | 7:21 | 7:17 | 6:22 | 7:01 | 4:34 | 7:38 | 4:17 |
| 13   | 6:39 | 7:19 | 7:18 | 6:20 | 7:02 | 4:33 | 7:39 | 4:17 |
| 14   | 6:40 | 7:17 | 7:19 | 6:19 | 7:04 | 4:32 | 7:39 | 4:17 |
| 15   | 6:41 | 7:15 | 7:21 | 6:17 | 7:05 | 4:30 | 7:40 | 4:17 |
| 16   | 6:43 | 7:13 | 7:22 | 6:15 | 7:06 | 4:29 | 7:41 | 4:17 |
| 17   | 6:44 | 7:11 | 7:24 | 6:13 | 7:08 | 4:28 | 7:42 | 4:18 |
| 18   | 6:45 | 7:09 | 7:25 | 6:11 | 7:09 | 4:27 | 7:42 | 4:18 |
| 19   | 6:46 | 7:07 | 7:26 | 6:10 | 7:11 | 4:26 | 7:43 | 4:18 |
| 20   | 6:48 | 7:05 | 7:28 | 6:08 | 7:12 | 4:26 | 7:43 | 4:19 |
| 21   | 6:49 | 7:03 | 7:29 | 6:06 | 7:13 | 4:25 | 7:44 | 4:19 |
| 22   | 6:50 | 7:01 | 7:31 | 6:04 | 7:15 | 4:24 | 7:44 | 4:20 |
| 23   | 6:52 | 6:59 | 7:32 | 6:03 | 7:16 | 4:23 | 7:45 | 4:20 |
| 24   | 6:53 | 6:57 | 7:33 | 6:01 | 7:17 | 4:22 | 7:45 | 4:21 |
| 25   | 6:54 | 6:55 | 7:35 | 5:59 | 7:19 | 4:22 | 7:46 | 4:21 |
| 26   | 6:55 | 6:53 | 7:36 | 5:58 | 7:20 | 4:21 | 7:46 | 4:22 |
| 27   | 6:57 | 6:51 | 7:38 | 5:56 | 7:21 | 4:20 | 7:46 | 4:23 |
| 28   | 6:58 | 6:49 | 7:39 | 5:55 | 7:23 | 4:20 | 7:46 | 4:24 |
| 29   | 6:59 | 6:47 | 7:41 | 5:53 | 7:24 | 4:19 | 7:47 | 4:24 |
| 30   | 7:01 | 6:45 | 7:42 | 5:51 | 7:25 | 4:19 | 7:47 | 4:25 |
| 31   |      |      | 7:43 | 5:50 |      |      | 7:47 | 4:26 |



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